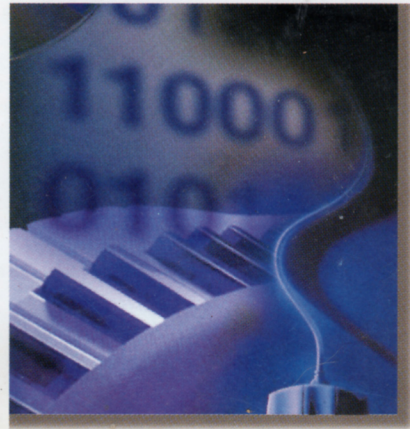


GIGASAMPLER



Peter Siedlaczek's

Advanced Orchestra

best service
sounds & more

Dear friends,

welcome to the circle of „Advanced Orchestra“ users. Following the releases of „Classical Choir“ and „Orchestral Colours“, I am happy to be able to present a new concept for a very complex and yet compact sound library. It consists of 5 CD-ROMs and contains exactly 5,455 samples (!) of all instruments and instrument groups of a large symphony orchestra. Besides sustained notes on two dynamic levels and staccatos, you will also find a series of new and very useful samples which to my knowledge have never been released before. You will certainly soon realize that you are in possession of a powerful tool that you can use to great advantage.

There are numerous characteristics that distinguish this library from others.

The most important are:

- a variety of important and frequently used phrasings and articulations, which cannot be satisfactorily imitated with „normal“ samples, for example half- or whole-step trills, various grace notes, runs, arpeggios, tremolos, crescendi, glissandi and other events playable in any key or pitch.
- all of the staccato notes and some other events are sampled twice. If a quick repetition of the same note is needed, you can use them alternately. The result will be much more natural, and not so „mechanical“.
- you will discover a collection of unconventional, interesting sounds played on the classical instruments: scratches, whistles, thumps, buzzes and other effects, which can be technically modified in many ways, adding a new color to your music.

Using these building blocks, you can now arrange countless, complex and amazingly realistic sounding structures. More realistic than ever before!

Optimal tonal quality was achieved by using first-class microphones and careful placement, excellent studio acoustics and the professionalism of the participating musicians - members of internationally acclaimed symphony orchestras, who achieve the highest tonal results with their master class instruments.

The use of this sound material is not limited to classical music. It can be utilized successfully for all genres. A short sketch demonstrating the potential of this library - titled „A Day in a Philharmonic Hall“ - can be heard on the Disc 1, track 2. Another great performance - „Symphonic Colors“ - can be heard on the track 3. I would like to point out, that these demonstrations consists solely of samples from this library (with some obvious exceptions - e.g. the drum loop), and that none of the passages were recorded live in any way.

The strength of these new sounds lies not only in their use in „natural“ or „real sounding“ structures and arrangements. Especially the phrasings and articulations, such as runs, trills or glissandi, are immanently suitable for all types of distortion and unorthodox treatment; your imagination is freed for all types of experiments.

For those with little experience with acoustic instruments, an additional booklet presents the definitions of terms, as well as some comments and tips on classical instruments and orchestration.

„Smart Access“ or what's better in the Gigasampler version

Congratulations! As a Gigasampler owner you belong to the privileged Advanced Orchestra users who can take a great advantage of this library. The incredible potential of the Gigasampler led us to optimize the existing library, and to develop new tools to make working with a huge amount of sounds very convenient. We have called it „Smart Access“ - an easy, direct, immediate and - most of all - intuitive access to gigabytes of sounds using the Gigasampler Key Dimension Control. Usually, in order to get a better, more realistic performance of, let's say, violins, it is desirable to load as many different sample categories, such as fortissimo, pianissimo, detache, crescendo, grace notes, vibrato etc. as possible, and then switch between them while playing according to your musical intention. This corresponds, to a certain extent, to a „real“ performance, during which the musician permanently shapes the sound, changing its intensity, articulation or timbre. To realize that, the conventional sampler user needs a huge amount of MIDI channels, program change commands and memory headroom. A typical side effect: a horribly confusing layout-window on your sequencer. Fortunately, with the Gigasampler this belongs to the past: Smart Access uses the 16 lowest keys of your keyboard (C1 - D#2) as control keys giving you the freedom for spontaneous, convenient and immediate switching between different sound categories in real time!

I wish you many new ideas and a lot of enjoyment with this new library.

Now YOU are the conductor!

Peter Siedlaczek

Andreas Lucas, Marko Bussian & Dirk Busshardt at FunDeMental Music, Marcin Pospieszalski, Kuno Schmid, Andrzej Skoczyński, Witold Osinski, Staszek Skoczyński, Faculty of Sound Engineering in Warsaw, Robert Lyng, Tony Pinell, Turgay Audio, Ewa Olejnik & Kasia Rakowiecka at Sonorama, Lothar Krell at Klangwelt Studio, Tony Clark, Ken Taylor, Joe Whitney, Manfred Honetschlager, my wife Claudia and the team of Best Service and Music Shop in Munich.

Special thanks go to all of the musicians who participated in the project. You are irreplaceable!

Recorded at Studio S1,
F. Chopin Academy of Music, Warsaw;
Musical consulting: Marcin Pospieszalski
Conductors: Piotr Borkowski, Roman Rewakowicz

Recording engineer: Witold Osinski
„The Surprise“ composed and arranged
by Andreas Lucas
„Symphonic Colors“ composed and arranged
by Kuno Schmid

Additional sound engineers:
Marko Bussian & Dirk Busshardt
Digital audio editing: Sonorama, Warsaw
Sample processing & Gigasampler programming
by Holger Leonhard
artwork: pro-arte richard aicher

Produced by Peter Siedlaczek
Co-produced by Klaus Kandler, best service

Audio demos:

A Day in a Philharmonic Hall (incl. „The Surprise“ by A. Lucas)CD 1, Track 2
Symphonic Colors (by K. Schmid)CD 1, Track 3

This library is the current result of constant research and additions. New articulations and not yet developed technical possibilities will continue to be released on CD-ROMs and audio CDs as supplements to the existing collection.

License agreement:

The sound samples and programs on this compact disc are licensed, not sold, to you, for use in your music & media productions only. All copying, lending, duplicating, reselling or trading of this product or

its content is strictly prohibited. Only the original purchaser of this product has the right to use the enclosed sound samples within their music compositions. best service constantly monitors other soundware releases to check for copyright infringements, and will prosecute all piracy and copyright violations to the fullest extent of the law.
All rights by best service

GIGs, programs and Key Dimension Control:

All Smart Access instruments are mapped with Key Dimension Control (see the mapping scheme left). The example is the Smart Access instrument violin section basic KEY: The lowest range of the Keyboard (C1-D#2) is reserved for the Key Dimension Control; pressing one of the 16 control keys selects the corresponding sound category.

play range

control range

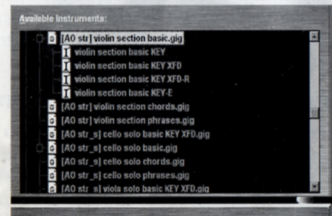
D#2 cresc. tremolo
D2 crescendo
C#2 detache 2
C2 col legno 1
B1 pizzicato 1
A#1 trill mj
A1 trill mj
G#1 tremolo p
G1 tremolo f
F#1 sordino legato
F1 sordino
E1 detache 1
D#1 sus p legato
D1 sus p
C#1 sus f legato
C1 sus f

About .GIGs and naming conventions

Because of the large amount of different sound categories per instrument which normally exceed the amount of 16, we split many instruments into several .GIG-files. The main .GIG contains all important sustained-sounds, staccatos and useful playing techniques like trills and crescendi. This .GIG carries the name extension basic, for example: violin section basic. Special playing techniques like grace notes, runs and arpeggios are available in the .GIG with the name extension phrases, e.g. violin section phrases. The .GIG-file with the extension chords, e.g. violin section chords contains some short and broken chords. GIGs called phrases add contain additional versions of playing techniques already present in the regular phrases - GIG.

Programs contained in the basic .GIGs:

The basic .GIGs always contain two types of programs which give you an easy real-time access to different sound categories. See the programs in the example violins section basic



The KEY XFD (Xfade, Crossfade, -R means long release) programs enable Keyboard Dimension

Control and an additional crossfade control via modwheel. The number of control keys is reduced to a maximum amount of 8 for technical reasons. See the table below showing the different crossfades selectable via the control key:

GIG:	violin basic	
PRG.	KEY XFD	KEY XFD-R
G1	sus f legato	tremolo f
F#1	sus p legato	tremolo f
F1	sus p legato	tremolo p
E1	detache 1	detache 2
D#1	tremolo p	tremolo f
D1	sus p legato	sordino legato
C#1	sus p legato	sus f legato
C1	sus p	sus f

Pressing D#1 enables you to play the tremolo sound on the upper keyboard range while blending between piano and forte with the modwheel. C#1 selects the crossfade layer between p and f of the sustained legato sound, etc.

Load KEY XFD

or KEY XFD-R (long release version)

PRG.	KEY XFD	mod.wheel up
identical		
PRG.	KEY XFD	KEY XFD-R



mod.wheel down



mod.wheel up

the programs with the extension KEY provides a direct access to up to 16 different playing techniques at once. See the violin section as an example:

ctrl-key	violin section basic KEY
D#2	crescendo tremolo
D2	crescendo
C#2	detache 2
C2	col legno 1
B1	pizzicato 1
A#1	trill mi
A1	trill mj
G#1	tremolo p
G1	tremolo f
F#1	sordino legato
F1	sordino
E1	detache 1
D#1	sus p legato
D1	sus p
C#1	sus f legato
C1	sus f

The last program with the extension KEY-E contains all samples not available in the KEY XFD programs. You will need this program only to create reduced memory sets - see below.

Installation and CD content

Installation is very simple - just copy all GIGs from the CD into one directory on your hard disc. All GIG files are named with a prefix [AO instrument type] , so Gigasampler will list all sounds alphabetically and sorted by instrument. There is no need to use different folders.

CD 1 *reduced memory strings: ensembles and solo strings XFD*

CD 2 *string ensembles*

CD 3-5 *solo strings, brass, woodwinds, harp, percussion, mallets*

Using Keyboard Dimension Control via MIDI program change:

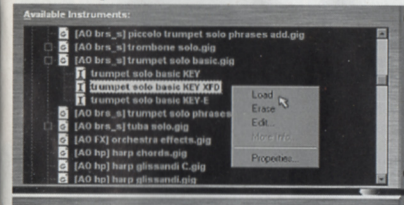
If you have a small keyboard or simply prefer to work with MIDI program changes, you can create an object in your sequencer which transforms the program changes 0 - 15 to note-on-events C1 - D#2. This should not be complicated on most systems - refer to your sequencer manual. Logic users will find an environment on CD 1 / Strings. Just import/merge the environment prg_changes2notes into your song. When using a transformer-object as track in the arrange-window, you can set the control keys via program changes and use Hyperdraw.

Saving RAM and hard disc resources

For easy arranging it is a big advantage to have a direct access to as many categories/playing techniques within a MIDI channel as possible. On the other hand, the RAM of your computer limits the number of samples Gigasampler can load at once, e.g. 256 Mb allow 2500 mono or 1250 stereo samples.

To save RAM, you can load reduced programs and create .GIG's containing just needed samples without any overhead. This is shown in the example trumpet solo basic:

To load only the trumpet solo basic XFD-program without sample overhead, open the .GIG in the loader and right-click the KEY XFD program. A menu opens, select load -



now the program loads without additional samples. For comparison: If you simply doubleclick on the program, the program loads too, but with all samples contained in the .GIG.

To save hard disc space, you can split all basic .GIG's to remove less needed samples. Refer to the following procedure:

1. Start the instrument editor and load the .GIG trumpet solo basic (simply double-click on the .GIG-file).
2. Delete the programs trumpet solo basic KEY and trumpet solo basic KEY-E.
3. Select the save limited feature in the file menu, and a check box appears asking how you would you like to minimize the size of this file.
4. Select the entry unreferenced samples and click O.K.
5. Name the new .GIG file (e.g. trumpet solo basic KEY XFD) and save it to your disc.

This procedure removes all samples (trills, crescendi, valve flutter ...) not used by the KEY XFD-program and if you load the new .GIG into Gigasampler, it only loads the sustained/legato- and staccato samples using less RAM.

To create a .GIG containing all remaining samples, follow the procedure explained above but delete the programs KEY XFD and KEY and use save reduced to save the program KEY-E.

Reduced .GIGs containing the KEY XFD-programs for all strings have been already created and can be found on CD 1.

Note: If you have 128 MByte RAM or more, you do not have to load CD1 on your harddisk. CD 1 „Reduced Memory Strings“ contains all KEY XFD-programs extracted from the full GIGs on CD 2 stored as individual .GIGs. They need just half of the memory when loaded. Further categories can be extracted from the full GIGs on CD 2 using the XFD-E programs; the procedure is explained in the last chapter.

Additionally, you will find the solo strings KEY XFD programs for violin, viola and cello. The solo strings special playing techniques and articulations are available on CD 3 of the full version of Advanced Orchestra . CD 2 „String Ensembles“ contains the full string ensemble .GIGs, the additional vibrato strings and the soft sustains.

Vibrato Strings

Strings

keyword: strings total harddisc space required: 51 Mb total samples: 48 stereo

Warm sounding vibrato strings combination from C0 - basses to C6 - violins, taken from the AO „Upgrade 97“. Modwheel blends between mp- and f versions. Additional long release version available.

Strings Soft Sustain

Strings

keyword: strings total harddisc space required: 22 Mb total samples: 21 stereo

Smooth and soft sounding orchestral strings from C0 - basses to C6 - violins, taken from „Orchestral Colours“. Additional long release version available.

keyword: strings total harddisc space required: 185 Mb total samples: 427 stereo

.GIG	violin section basic				violin section phrases	violin section chords
PRG:	KEY XFD	KEY XFD-R	KEY	KEY-E	KEY	KEY
D#2	-	-	crsc tremolo	crsc tremolo	run up mi	-
D2	-	-	crescendo	crescendo	run up mj	-
C#2	-	-	detache 2	-	detache 2	-
C2	-	-	col legno 1	col legno 1	detache 1	-
B1	-	-	pizzicato 1	pizzicato 1	pizzicato 2	-
A#1	-	-	trill mi	trill mi	pizzicato 1	-
A1	-	-	trill mj	trill mj	col legno 2	-
G#1	-	-	tremolo p	-	arpeggio dm	-
G1	sus f leg.	tremolo f	tremolo f	-	arpeggio mi	-
F#1	sus p leg.	tremolo f	sordino leg.	sordino leg.	arpeggio mj	-
F1	sus p leg.	tremolo p	sordino	sordino	glissando up slow	chord broken dm
E1	detache 1	detache 2	detache 1	-	glissando up fast	chord broken mi
D#1	tremolo p	tremolo f	sus p leg.	-	grace down mi	chord broken mj
D1	sus p leg.	sordino leg.	sus p	-	grace down mj	chord short dm
C#1	sus p leg.	sus f leg.	sus f leg.	-	grace up mi	chord short mi
C1	sus p	sus f	sus f	-	grace up mj	chord short mj

extracted KEY XFD
additionally available
on CD 1/
Reduced Memory Strings

Viola Section

Strings ○○○○○

keyword: strings solo

total harddisc space required: 237 Mb total samples: 339 stereo

.GIG	viola section basic				viola solo phrases	viola solo chords
PRG:	KEY XFD and KEY XFD-R	KEY	KEY-E	KEY	KEY	
D#2	-	-	sus leg. 1 p	sus leg. 1 p	-	-
D2	-	-	sus leg. 1 f	sus leg. 1 f	-	-
C#2	-	-	detache 2	-	-	-
C2	-	-	sordino leg. 1	sordino leg. 1	-	-
B1	-	-	pizzicato 1	pizzicato 1	run up mj	-
A#1	-	-	trill mi	trill mi	run up mi	-
A1	-	-	trill mj	trill mj	pizzicato 2	-
G#1	-	-	tremolo p	-	arpeggio dm	-
G1	sus leg. 2 f	tremolo f	tremolo f	-	arpeggio mi	-
F#1	sus leg. 2 p	tremolo f	sordino leg.	sordino leg.	arpeggio mj	-
F1	sus leg. 2 p	tremolo p	sordino	sordino	glissando up slow	chord broken dm
E1	detache 1	detache 2	detache 1	-	glissando up fast	chord broken mi
D#1	tremolo p	tremolo f	sus leg. 2 p	-	grace down mi	chord broken mj
D1	sus leg. 2 p	sordino leg. 1	sus p	-	grace down mj	chord short dm
C#1	sus leg. 2 p	sus leg. 2 f	sus leg. 2 f	-	grace up mi	chord short mi
C1	sus p	sus.f	sus f	-	grace up mj	chord short mj

extracted KEY XFD
additionally available
on CD 1/
Reduced Memory Strings

Note: different legato versions for upbow (2) / downbow (1) available for natural transitions!

Strings ○○○○○

Cello Section

keyword: strings

total harddisc space required: 161 Mb total samples: 294 stereo

.GIG	celli section basic				celli section phrases	celli section chords
PRG:	KEY XFD and KEY XFD-R	KEY	KEY-E	KEY	KEY	
D#2	-	-	crsc tremolo	crsc tremolo	-	-
D2	-	-	crescendo	crescendo	-	-
C#2	-	-	detache 2	-	-	-
C2	-	-	pizzicato 2	pizzicato 2	-	-
B1	-	-	pizzicato 1	pizzicato 1	-	-
A#1	-	-	trill mi	trill mi	-	-
A1	-	-	trill mj	trill mj	-	-
G#1	-	-	tremolo p	-	-	-
G1	sus f leg.	tremolo f	tremolo f	-	detache 1	-
F#1	sus p leg.	tremolo f	sordino leg.	sordino leg.	run up mi	-
F1	sus p leg.	tremolo p	sordino	sordino	run up mj	chord broken dm
E1	detache 1	detache 2	detache 1	-	glissando up slow	chord broken mi
D#1	tremolo p	tremolo f	sus p leg.	-	glissando up fast	chord broken mj
D1	sus p leg.	sordino leg.	sus p	-	arpeggio dm	chord short dm
C#1	sus p leg.	sus f leg.	sus f leg.	-	arpeggio mi	chord short mi
C1	sus p	sus f	sus f	-	arpeggio mj	chord short mj

extracted KEY XFD
additionally available
on CD1/
Reduced Memory Strings

keyword: strings total hddisc space required: 85 Mb total samples: 149 stereo

.GIG	contrabass section		KEY	KEY-E
PRG	KEY XFD and KEY XFD-R	mod.wheel up	KEY	KEY-E
D#2	-	-	crsc tremolo	crsc tremolo
D2	-	-	crescendo	crescendo
C#2	-	-	detache 2	-
C2	-	-	pizzicato 2	pizzicato 2
B1	-	-	pizzicato 1	pizzicato 1
A#1	-	-	glissando up slow	glissando up slow
A1	-	-	glissando up fast	glissando up fast
G#1	-	-	tremolo p	-
G1	sus f leg.	tremolo f	tremolo f	-
F#1	sus p leg.	tremolo f	tremolo p	-
F1	sus p leg.	tremolo p	tremolo f	-
E1	detache 1	detache 2	detache 1	-
D#1	tremolo p	tremolo f	sus p leg.	-
D1	sus f	tremolo p	sus p	-
C#1	sus p leg.	sus f leg.	sus f leg.	-
C1	sus p	sus f	sus f	-

extracted KEY XFD
 additionally available
 on CD 1 /
 Reduced Memory Strings

keyword: strings solo total hddisc space required: 177 Mb total samples: 342 stereo

.GIG	violin solo basic				violin solo phrases	violin solo chords
PRG:	KEY XFD and KEY XFD-R		KEY	KEY-E	KEY	KEY
D#2	-	-	solo espressivo	-	-	-
D2	-	-	spiccato 2	spiccato 2	-	-
C#2	-	-	spiccato 1	spiccato 1	-	-
C2	-	-	pizzicato 2	pizzicato 2	-	-
B1	-	-	pizzicato 1	pizzicato 1	-	-
A#1	-	-	trill mi	trill mi	-	-
A1	-	-	trill mj	trill mj	run up	-
G#1	-	-	tremolo p	-	arpeggio dm	chord short dm 2
G1	sus f leg.	tremolo f	tremolo f	-	arpeggio mi	chord short mi 2
F#1	sus p leg.	tremolo f	sordino leg.	sordino leg.	arpeggio mj	chord short mj 2
F1	sus p leg.	tremolo p	sordino	sordino	glissando up slow	chord broken dm
E1	espressivo	tremolo f	detache	-	glissando up fast	chord broken mi
D#1	tremolo p	tremolo f	sus p leg.	-	grace down mi	chord broken mj
D1	sus p leg.	sordino leg.	sus p	-	grace down mj	chord short dm 1
C#1	sus p leg.	sus f leg.	sus f leg.	-	grace up mi	chord short mi 1
C1	sus p	sus f	sus f	-	grace up mj	chord short mj 1

extracted KEY XFD
 additionally available
 on CD 1 /
 Reduced Memory Strings

keyword: strings solo

total harddisc space required: 237 Mb total samples: 339 stereo

.GIG	viola solo basic				viola solo phrases	viola solo chords
PRG:	KEY XFD and KEY XFD-R	KEY	KEY-E	KEY	KEY	KEY
D#2	-	-	sus leg. 1 p	sus leg. 1 p	-	-
D2	-	-	sus leg. 1 f	sus leg. 1 f	-	-
C#2	-	-	detache 2	-	-	-
C2	-	-	sordino leg. 1	sordino leg. 1	-	-
B1	-	-	pizzicato 1	pizzicato 1	run up mj	-
A#1	-	-	trill mi	trill mi	run up mi	-
A1	-	-	trill mj	trill mj	pizzicato 2	-
G#1	-	-	tremolo p	-	arpeggio dm	-
G1	sus leg. 2 f	tremolo f	tremolo f	-	arpeggio mi	-
F#1	sus leg. 2 p	tremolo f	sordino leg.	sordino leg.	arpeggio mj	-
F1	sus leg. 2 p	tremolo p	sordino	sordino	glissando up slow	chord broken dm
E1	detache 1	detache 2	detache 1	-	glissando up fast	chord broken mi
D#1	tremolo p	tremolo f	sus leg. 2 p	-	grace down mi	chord broken mj
D1	sus leg. 2 p	sordino leg. 1	sus p	-	grace down mj	chord short dm
C#1	sus leg. 2 p	sus leg. 2 f	sus leg. 2 f	-	grace up mi	chord short mi
C1	sus p	sus f	sus f	-	grace up mj	chord short mj

extracted KEY XFD
 additionally available on
 CD 1 / Reduced Memory Strings

keyword: strings solo

total harddisc space required: 203 Mb total samples: 330 stereo

.GIG	cello solo basic				cello solo phrases	cello solo chords
PRG:	KEY XFD and KEY XFD-R	KEY	KEY-E	KEY	KEY	KEY
D#2	-	-	cresc tremolo	cresc tremolo	-	-
D2	-	-	crescendo	crescendo	-	-
C#2	-	-	staccato 2	-	-	-
C2	-	-	pizzicato 2	pizzicato 2	-	-
B1	-	-	pizzicato 1	pizzicato 1	-	-
A#1	-	-	trill mi	trill mi	-	-
A1	-	-	trill mj	trill mj	-	-
G#1	-	-	tremolo p	-	arpeggio dm	-
G1	sus f leg.	tremolo f	tremolo f	-	arpeggio mi	-
F#1	sus p leg.	tremolo f	sordino leg.	sordino leg.	arpeggio mj	-
F1	sus p leg.	tremolo p	sordino	sordino	glissando up slow	chord broken dm
E1	staccato 1	staccato 2	staccato 1	-	glissando up fast	chord broken mi
D#1	tremolo p	tremolo f	sus p leg.	-	grace down mi	chord broken mj
D1	sus p leg.	sordino leg.	sus p	-	grace down mj	chord short dm
C#1	sus p leg.	sus f leg.	sus f leg.	-	grace up mi	chord short mi
C1	sus p	sus f	sus f	-	grace up mj	chord short mj

extracted KEY XFD
 additionally available
 on CD 1 /
 Reduced Memory Strings

Note: different legato versions for upbow (2) / downbow (1) available for natural transitions !

French Horn Section

Strings

keyword: brass total harddisc space required: 59 Mb total samples: 126 stereo

.GIG	french horn section		
PRG	KEY XFD	mod.wheel up	KEY
D#2	-	-	-
D2	-	-	-
C#2	-	-	-
C2	-	-	glissando octave up 2
B1	-	-	glissando octave up 1
A#1	-	-	glissando double up
A1	-	-	glissando con sordino
G#1	-	-	staccato multiple
G1	-	-	crescendo
F#1	-	-	crsc flutter tongue
F1	-	-	staccato 2
E1	-	-	staccato 1
D#1	staccato 2	staccato 1 + expr.	sus p legato
D1	staccato 1	staccato 2 + expr.	sus p
C#1	sus p legato	sus f legato + expr.	sus f legato
C1	sus p	sus f + expr.	sus f

Brass

Trombone Section

keyword: brass total harddisc space required: 76 Mb total samples: 166 stereo

.GIG	trombone section		
PRG	KEY XFD	mod.wheel up	KEY
D#2	-	-	-
D2	-	-	-
C#2	-	-	glissando short down
C2	-	-	glissando short up
B1	-	-	sus sordino legato
A#1	-	-	sus sordino
A1	-	-	crescendo
G#1	-	-	staccato multiple
G1	sus p	sus sordino	lip trill mj
F#1	sus f	sus sordino	flutter tongue
F1	sus p	flutter tongue	staccato 2
E1	sus f	flutter tongue	staccato 1
D#1	staccato 2	staccato 1 + expr.	sus p legato
D1	staccato 1	staccato 2 + expr.	sus p
C#1	sus p legato	sus f legato + expr.	sus f legato
C1	sus p	sus f + expr.	sus f

keyword: brass total harddisc space required: 65 Mb total samples: 104 stereo

.GIG	trumpet section			
PRG	KEY XFD	mod.wheel up	KEY	KEY-E
D#2	-	-	-	-
D2	-	-	-	-
C#2	-	-	-	-
C2	-	-	-	-
B1	-	-	-	-
A#1	-	-	-	-
A1	-	-	glissando down fast	glissando down fast
G#1	-	-	staccato multiple	staccato multiple
G1	sus p legato	flutter tongue	crescendo	crescendo
F#1	sus p	flutter tongue	flutter tongue	-
F1	sus f legato	flutter tongue	staccato 2	-
E1	sus f	flutter tongue	staccato 1	-
D#1	staccato 2	staccato 1 + expr.	sus p legato	-
D1	staccato 1	staccato 2 + expr.	sus p	-
C#1	sus p legato	sus f legato + expr.	sus f legato	-
C1	sus p	sus f + expr.	sus f	-

keyword: brass solo total harddisc space required: 34 Mb total samples: 106 mono

.GIG	french horn solo			
PRG	KEY XFD	mod.wheel up	KEY	KEY-E
D#2	-	-	-	-
D2	-	-	-	-
C#2	-	-	-	-
C2	-	-	-	-
B1	-	-	-	-
A#1	-	-	-	-
A1	-	-	staccato multiple	staccato multiple
G#1	-	-	glissando up	glissando up
G1	sus p legato	flutter tongue	trill mj	trill mj
F#1	sus p	flutter tongue	flutter tongue	-
F1	sus f legato	flutter tongue	staccato 2	-
E1	sus f	flutter tongue	staccato 1	-
D#1	staccato 2	staccato 1 + expr.	sus p legato	-
D1	staccato 1	staccato 2 + expr.	sus p	-
C#1	sus p legato	sus f legato + expr.	sus f legato	-
C1	sus p	sus f + expr.	sus f	-

Piccolo Trumpet Solo Brass

keyword: brass solo total harddisc space required: 22 Mb total samples: 162 mono

.GIG	piccolo trumpet solo basic				piccolo trumpet phrases add
PRG:	KEY	XFD	mod.wheel up	KEY	KEY-E
D#2	-	-	-	-	-
D2	-	-	-	-	-
C#2	-	-	-	mordent down mi 1	mordent down mi 1 -
C2	-	-	-	mordent down mj 1	mordent down mj 1 -
B1	-	-	-	mordent up mi 1	mordent up mi 1 -
A#1	-	-	-	mordent up mj 1	mordent up mj 1 -
A1	-	-	-	grace down mi 1	grace down mi 1 -
G#1	-	-	-	grace down mj 1	grace down mj 1 -
G1	-	-	-	grace up mi 1	grace up mi 1 mordent down mi 2
F#1	-	-	-	grace up mj 1	grace up mj 1 mordent down mj 2
F1	-	-	-	trill mi	trill mi mordent up mi 2
E1	-	-	-	trill mj	trill mj mordent up mj 2
D#1	staccato 2	staccato 1 + expr.	staccato 2	-	grace down mi 2
D1	staccato 1	staccato 2 + expr.	staccato 1	-	grace down mj 2
C#1	sus f legato	sus f + expr.	sus f legato	-	grace up mi 2
C1	sus f	sus f legato + expr.	sus f	-	grace up mj 2

Trombone Solo Brass

keyword: brass solo total harddisc space required: 32 Mb total samples: 158 mono

.GIG	trombone solo			
PRG	KEY	XFD	mod.wheel up	KEY-E
D#2	-	-	-	-
D2	-	-	-	-
C#2	-	-	-	glissando 3th mi
C2	-	-	-	glissando octave up
B1	-	-	-	glissando down slow
A#1	-	-	-	glissando up slow
A1	-	-	-	staccato p 2
G#1	-	-	-	staccato p 1
G1	sus p legato	flutter tongue	crescendo	crescendo
F#1	sus p	flutter tongue	flutter tongue	-
F1	sus f legato	flutter tongue	staccato f 2	-
E1	sus f	flutter tongue	staccato f 1	-
D#1	staccato p 2	staccato f 2 + expr.	sus p legato	-
D1	staccato p 1	staccato f 1 + expr.	sus p	-
C#1	sus p legato	sus f legato + expr.	sus f legato	-
C1	sus p	sus f + expr.	sus f	-

keyword: brass solo

total harddisc space required: 71 Mb

total samples: 271 mono

.GIG	trumpet solo basic			trumpet solo phrases	
PRG:	KEY	XPD	mod.wheel up	KEY	KEY-E
D#2	-	-	-	valve flutter con sordino	valve flutter con sordino
D2	-	-	-	staccato con sordino 2	staccato con sordino 2
C#2	-	-	-	staccato con sordino 1	staccato con sordino 1
C2	-	-	-	sus con sordino legato	sus con sordino legato
B1	-	-	-	sus con sordino	sus con sordino
A#1	-	-	-	crsc flutter tongue	crsc flutter tongue
A1	-	-	-	crescendo	crescendo
G#1	-	-	-	trill mi	trill mi
G1	-	-	-	trill mj	trill mj
F#1	-	-	-	valve flutter	valve flutter
F1	-	-	-	staccato 2	-
E1	-	-	-	staccato 1	-
D#1	staccato 2	staccato 1 + expr.	-	sus p legato	-
D1	staccato 1	staccato 2 + expr.	-	sus p	-
C#1	sus p legato	sus f legato + expr.	-	sus f legato	-
C1	sus p	sus f + expr.	-	sus f	-

keyword: brass solo

total harddisc space required: 18 Mb

total samples: 73 mono

.GIG	tuba solo		
PRG	basic KEY	XPD	mod.wheel up
G1	sus p legato	flutter tongue	-
F#1	sus p	flutter tongue	flutter tongue
F1	sus f legato	flutter tongue	staccato 2
E1	sus f	flutter tongue	staccato 1
D#1	staccato 2	staccato 1 + expr.	sus p legato
D1	staccato 1	staccato 2 + expr.	sus p
C#1	sus p legato	sus f legato + expr.	sus f legato
C1	sus p	sus f + expr.	sus f

Note: Because the lowest octave (C0 - B0) is covered by „sustained f“ only, this range/sound is mapped in all other tuba categories as well.

keyword: woodwinds

total harddisc space required: 102 Mb total samples: 252 stereo

.GIG	flute section basic				flute section phrases
PRG:	KEY	mod.wheel up	KEY	KEY-E	KEY
D#2	-	-	-	-	-
D2	-	-	pickup	pickup	-
C#2	-	-	grace down mi	grace down mi	-
C2	-	-	grace down mj	grace down mj	-
B1	-	-	grace up mi	grace up mi	-
A#1	-	-	grace up mj	grace up mj	-
A1	-	-	trill mi	trill mi	-
G#1	-	-	trill mj	trill mj	run up&down chromatic
G1	sus p legato	flutter tongue	crescendo	crescendo	run down chromatic
F#1	sus p	flutter tongue	flutter tongue	-	run up chromatic
F1	sus f legato	flutter tongue	staccato 2	-	ornamentation mi
E1	sus f	flutter tongue	staccato 1	-	ornamentation mj
D#1	staccato 2	staccato 1 + expr.	sus p legato	-	run down mi
D1	staccato 1	staccato 2 + expr.	sus p	-	run down mj
C#1	sus p legato	sus f legato + expr.	sus f legato	-	run up mi
C1	sus p	sus f + expr.	sus f	-	run up mj

keyword: woodwinds

total harddisc space required: 76 Mb total samples: 162 stereo

.GIG	clarinet section			
PRG:	KEY	mod.wheel up	KEY	KEY-E
D#2	-	-	run down mi	run down mi
D2	-	-	run down mj	run down mj
C#2	-	-	run up mi	run up mi
C2	-	-	run up mj	run up mj
B1	-	-	grace down mi	grace down mi
A#1	-	-	grace down mj	grace down mj
A1	-	-	grace up mi	grace up mi
G#1	-	-	grace up mj	grace up mj
G1	sus p legato	flutter tongue	crescendo	crescendo
F#1	sus p	flutter tongue	flutter tongue	-
F1	sus f legato	flutter tongue	staccato 2	-
E1	sus f	flutter tongue	staccato 1	-
D#1	staccato 2	staccato 1 + expr.	sus p legato	-
D1	staccato 1	staccato 2 + expr.	sus p	-
C#1	sus p legato	sus f legato + expr.	sus f legato	-
C1	sus p	sus f + expr.	sus f	-

Alto Flute Solo

total harddisc space required: 17 Mb total samples: 47 mono

.GIG	alto flute solo		
PRG	KEY XFD	mod.wheel up	KEY
G1	sus p legato	flutter tongue	-
F#1	sus p	flutter tongue	flutter tongue
F1	sus f legato	flutter tongue	staccato 2
E1	sus f	flutter tongue	staccato 1
D#1	staccato 2	staccato 1 + expr.	sus p legato
D1	staccato 1	staccato 2 + expr.	sus p
C#1	sus p legato	sus f legato + expr.	sus f legato
C1	sus p	sus f + expr.	sus f

Wood Winds

Bass Clarinet Solo

keyword: woodwinds solo
total harddisc space required: 76 Mb total samples: 199 mono

.GIG	bass clarinet solo basic			bass clarinet solo phrases add	
PRG:	KEY XFD	mod.wheel up	KEY	KEY-E	KEY
B1	-	-	grace down mi 1	grace down mi 1	-
A#1	-	-	grace down mj 1	grace down mj 1	-
A1	-	-	grace up mi 1	grace up mi 1	-
G#1	-	-	grace up mj 1	grace up mj 1	-
G1	sus p legato	flutter tongue	crescendo	crescendo	-
F#1	sus p	flutter tongue	flutter tongue	-	-
F1	sus f legato	flutter tongue	staccato 2	-	-
E1	sus f	flutter tongue	staccato 1	-	-
D#1	staccato 2	staccato 1 + expr.	sus p legato	-	grace down mi 2
D1	staccato 1	staccato 2 + expr.	sus p	-	grace down mj 2
C#1	sus p legato	sus f legato + expr.	sus f legato	-	grace up mi 2
C1	sus p	sus f + expr.	sus f	-	grace up mj 2

keyword: woodwinds solo total harddisc space required: 35 Mb total samples: 127 mono

.GIG	bassoon solo basic			KEY	KEY-E
PRG	KEY XFD	mod.wheel up			
D#2	-	-	-	-	-
D2	-	-	-	-	-
C#2	-	-	-	-	-
C2	-	-	-	-	-
B1	-	-	-	-	-
A#1	-	-	-	-	-
A1	-	-	-	grace down mi 1	grace down mi 1
G#1	-	-	-	grace down mj 1	grace down mj 1
G1	-	-	-	grace up mi 1	grace up mi 1
F#1	-	-	-	grace up mj 1	grace up mj 1
F1	-	-	-	staccato 2	-
E1	-	-	-	staccato 1	-
D#1	staccato 2	staccato 1 + expr.	-	sustained vibrato legato	-
D1	staccato 1	staccato 2 + expr.	-	sustained vibrato	-
C#1	sus legato	sustained vibrato	-	sustained legato	-
C1	sustained	sustained vibrato	-	sustained	-

keyword: woodwinds solo total harddisc space required: 66 Mb total samples: 433 mono

.GIG	clarinet solo basic				clarinet solo phrases	clarinet solo phrases add
PRG:	KEY	XFD	mod.wheel up	KEY	KEY-E	KEY
D#2	-	-	-	glissando up	glissando up	-
D2	-	-	-	pickup	pickup	-
C#2	-	-	-	grace down mi 1	grace down mi 1	ornamentation mi 1
C2	-	-	-	grace down mj 1	grace down mj 1	ornamentation mj 1
B1	-	-	-	grace up mi 1	grace up mi 1	run down mi
A#1	-	-	-	grace up mj 1	grace up mj 1	run down mj
A1	-	-	-	trill mi	trill mi	run up mi
G#1	-	-	-	trill mj	trill mj	run up mj
G1	sus p legato	flutter tongue	crescendo	crescendo	mordent down mi 1	-
F#1	sus p	flutter tongue	flutter tongue	-	mordent down mj 1	-
F1	sus f legato	flutter tongue	staccato 2	-	mordent up mi 1	ornamentation mi 2
E1	sus f	flutter tongue	staccato 1	-	mordent up mj 1	ornamentation mj 2
D#1	staccato 2	staccato 1+expr.	sus p legato	-	grace down mi 2	mordent down mj 2
D1	staccato 1	staccato 2+ expr.	sus p	-	grace down mj 2	mordent down mj 2
C#1	sus p legato	sus f legato+expr.	sus f legato	-	grace up mi 2	mordent up mi 2
C1	sus p	sus f + expr.	sus f	-	grace up mj 2	mordent up mj 2

keyword: woodwinds solo total harddisc space required: 20 Mb total samples: 87 mono

.GIG	contrabassoon solo			
PR	KEY	XFD	mod.wheel up	KEY-E
D#2	-	-	-	-
D2	-	-	-	-
C#2	-	-	-	-
C2	-	-	-	-
B1	-	-	-	-
A#1	-	-	-	-
A1	-	-	-	-
G#1	-	-	-	grace down mi
G1	-	-	-	grace down mj
F#1	-	-	-	grace up mi
F1	-	-	-	grace up mj
E1	-	-	-	flutter tongue
D#1	staccato 2	staccato 1 + expr.	staccato 2	-
D1	staccato 1	staccato 2 + expr.	staccato 1	-
C#1	sustained legato	flutter tongue	sustained legato	-
C1	sustained	flutter tongue	sustained	-

English Horn Solo Woodwinds ○○○○○

keyword: woodwinds solo total harddisc space required: 34 Mb total samples: 140 mono

.GIG	english horn solo basic		english horn solo phrases add		
PRG:	KEY XFD	mod.wheel up	KEY	KEY-E	KEY
D#2	-	-	-	-	-
D2	-	-	-	-	-
C#2	-	-	-	-	-
C2	-	-	-	-	-
B1	-	-	grace down mi 1	grace down mi 1	-
A#1	-	-	grace down mj 1	grace down mj 1	-
A1	-	-	grace up mi 1	grace up mi 1	-
G#1	-	-	grace up mj 1	grace up mj 1	-
G1	-	-	trill mi	trill mi	-
F#1	-	-	trill mj	trill mj	-
F1	-	-	staccato 2	-	-
E1	-	-	staccato 1	-	-
D#1	staccato 2	staccato 1 + expr.	sus p legato	-	grace down mi 2
D1	staccato 1	staccato 2 + expr.	sus p	-	grace down mj 2
C#1	sus p legato	sus f legato + expr.	sus f legato	-	grace up mi 2
C1	sus p	sus f + expr.	sus f	-	grace up mj 2

Woodwinds Flute Solo ○○○○○

keyword: woodwinds solo total harddisc space required: 53 Mb total samples: 293 mono

.GIG	flute solo basic		flute solo phrases		
PRG:	KEY XFD	mod.wheel up	KEY	KEY-E	KEY
D#2	-	-	-	-	-
D2	-	-	pickup	pickup	-
C#2	-	-	grace down mi 1	grace down mi 1	-
C2	-	-	grace down mj 1	grace down mj 1	-
B1	-	-	grace up mi 1	grace up mi 1	-
A#1	-	-	grace up mj 1	grace up mj 1	-
A1	-	-	trill mi	trill mi	ornamentation mi
G#1	-	-	trill mj	trill mj	ornamentation mj
G1	sus p legato	flutter tongue	crescendo	crescendo	run down mi
F#1	sus p	flutter tongue	flutter tongue	-	run down mj
F1	sus f legato	flutter tongue	staccato 2	-	run up mi
E1	sus f	flutter tongue	staccato 1	-	run up mj
D#1	staccato 2	staccato 1 + expr.	sus p legato	-	mordent down mi
D1	staccato 1	staccato 2 + expr.	sus p	-	mordent down mj
C#1	sus p legato	sus f legato + expr.	sus f legato	-	mordent up mi
C1	sus p	sus f + expr.	sus f	-	mordent up mj

Oboe Solo

Woodwinds ○○○○○○

keyword: woodwinds solototal harddisc space required: 58 Mb

total samples: 290 mono

.GIG	oboe solo basic			oboe solo phrases	
PRG:	KEY XFD	mod.wheel up	KEY	KEY-E	KEY
D#2	-	-	run up mi	run up mi	-
D2	-	-	run up mj	run up mj	-
C#2	-	-	grace down mi 1	grace down mi 1	-
C2	-	-	grace down mj 1	grace down mj 1	-
B1	-	-	grace up mi 1	grace up mi 1	mordent down mi 2
A#1	-	-	grace up mj 1	grace up mj 1	mordent down mj 2
A1	-	-	trill mi	trill mi	mordent up mi 2
G#1	-	-	trill mj	trill mj	mordent up mj 2
G1	sus p legato	solo vibrato	solo vibrato legato	solo vibrato legato	mordent down mi 1
F#1	sus p	solo vibrato	solo vibrato	solo vibrato	mordent down mj 1
F1	sus f legato	solo vibrato	staccato 2	-	mordent up mi 1
E1	sus f	solo vibrato	staccato 1	-	mordent up mj 1
D#1	staccato 2	staccato 1 + expr.	sus p legato	-	grace down mi 1
D1	staccato 1	staccato 2 + expr.	sus p	-	grace down mj 1
C#1	sus p legato	sus f legato + expr.	sus f legato	-	grace up mi 1
C1	sus p	sus f + expr.	sus f	-	grace up mj 1

Woodwinds Piccolo Flute Solo ○○○○○○

keyword: woodwinds solototal harddisc space required: 23 Mb

total samples: 353 mono

.GIG	piccolo flute solo basic			piccolo flute solo phrases	
PRG:	KEY XFD	mod.wheel up	KEY	KEY-E	KEY
D#2	-	-	-	-	-
D2	-	-	-	-	-
C#2	-	-	pickup 2	pickup 2	-
C2	-	-	pickup 1	pickup 1	-
B1	-	-	run down mi	run down mi	mordent down mi 2
A#1	-	-	run down mj	run down mj	mordent down mj 2
A1	-	-	run up mi	run up mi	mordent up mi 2
G#1	-	-	run up mj	run up mj	mordent up mj 2
G1	-	-	grace down mi 1	grace down mi 1	mordent down mi 1
F#1	-	-	grace down mj 1	grace down mj 1	mordent down mj 1
F1	-	-	grace up mi 1	grace up mi 1	mordent up mi 1
E1	-	-	grace up mj 1	grace up mj 1	mordent up mj 1
D#1	-	-	trill mi	trill mi	grace down mi 2
D1	-	-	trill mj	trill mj	grace down mj 2
C#1	staccato 2	staccato 1 + expr.	staccato 2	-	grace up mi 2
C1	staccato 1	staccato 2 + expr.	staccato 1	-	grace up mj 2

○○○○○○ Bells

Tubular bells

keyword: bells

total harddisc space required: 26 Mb total samples: 18 stereo

Orchestra bells (Glockenspiel)

keyword: bells

total harddisc space required: 6 Mb total samples: 12 mono

Marimba

Mallets ○○○○○○

keyword: mallets total harddisc space required: 22 Mb total samples: 52 stereo

	marimba KEY
D1	tremolo endings
C#1	tremolo looped
C1	single strokes

Vibraphone

keyword: mallets total harddisc space required: 69 Mb total samples: 58 stereo

	vibraphone KEY
D#1	muted
D1	strokes vibrato fast
C#1	strokes vibrate slow
C1	strokes

Additional glissandi mapped to the keys above.

Xylophone

keyword: mallets total harddisc space required: 1 Mb total samples: 9 stereo

Harp ○○○○○○

Harp chords

keyword: harp total harddisc space required: 30 Mb total samples: 41 stereo

	harps chords KEY
D#1	secco chords mi (low range f versions, high range p versions)
D1	secco chords mj (low range f versions, high range p versions)
C#1	arpeggio chords mi (low range f versions, high range p versions)
C1	arpeggio chords mj (low range f versions, high range p versions)

Harp glissandi

keyword: harp total harddisc space required: 73 Mb total samples: 57 stereo

	harps glissandi KEY
F#1	glissando pentatonic up&down (low range fast versions, high range slow versions)
F1	glissando slow up&down (low range mj versions, high range mi versions)
E1	glissando slow down (low range mj versions, high range mi versions)
D#1	glissando slow up (low range mj versions, high range mi versions)
D1	glissando fast up&down (low range mj versions, high range mi versions)
C#1	glissando fast down (low range mj versions, high range mi versions)
C1	glissando fast up (low range mj versions, high range mi versions)

Harp glissandi C

keyword: harp total harddisc space required: 10 Mb total samples: 7 stereo

diminished glissandi (2 versions) and whole tone glissandi (5 versions), basic tuning = C

Orchestra percussion mix

keyword: percussion

total harddisc space required: 75 Mb

total samples: 48 stereo

- * gong / tam tam: strokes (f to p), crescendo long, effects
- * chinese opera gong: strokes
- * gran cassa: strokes (f to p), crescendi
- * snare: strokes (f to p), decrescendi, crescendi, rolls
- * triangle small and large: staccato, stroke, crescendo, tremolo

Orchestra effects

keyword: FX

total harddisc space required: 87 Mb

total samples: 211 stereo

orchestra effects KEY

F#1	FX harp
F1	FX celli
E1	FX strings
D#1	FX flutes
D1	FX woodwinds
C#1	FX trumpet
C1	FX brass

Cymbals

keyword: percussion

total harddisc space required: 60 Mb

total samples: 42 stereo

- * cymbals 24": strokes (f to p), tremoli (looped) + endings, tremolo crescendi.
- * cymbals 18": strokes (f to p), tremoli (looped) + endings, tremolo crescendi.
- * cymbals a due: strokes (f to p) with mod- and smooth decay, short strokes.

Thai gongs

keyword: percussion

total harddisc space required: 19 Mb

total samples: 12 stereo

Tuned thai gong set with velocity switch between f, mf and pp versions.

Timpani

keyword: percussion

total harddisc space required: 47 Mb

total samples: 39 stereo

Tuned timpani set with velocity switch between f, mf and pp versions. Timpani strokes, tremoli (looped) and tremolo endings. Additional crescendi available.